

ABSTRACT

The present invention proposes a novel principle of blazing that is effective even in the resonance domain. In the invention, light (51) is made incident on a diffraction grating so that specular resonance can occur in two or more light scattering units including, for example, bispheres (11a, 21a; 12a, 22a), and by the specular resonance, a fraction of diffracted light 52 that is diffracted by the first layer (1) and the second layer (2) is selectively enhanced. According to the invention, it also becomes possible to tune a blazing condition by a control signal from outside.